

ABSTRACT OF THE DISCLOSURE

A management information base (MIB) for a multi-domain network address translator provides management objects for configuring and controlling the multi-domain network address translator. The MIB includes management objects for defining a domain-specific source address filter range, which is a range of addresses used to detect domain-specific packets that require domain-specific network address translation forwarding. The domain-specific source address filter management objects include a beginning address, a prefix length, a domain indicator, and a domain-specific translation pool indicator. The MIB also includes management objects for defining a domain-specific translation pool, which is a range of addresses from which domain-specific translation addresses are selected for domain-specific network address translation forwarding. The domain-specific translation pool management objects include a beginning address, a prefix length, and a domain indicator.